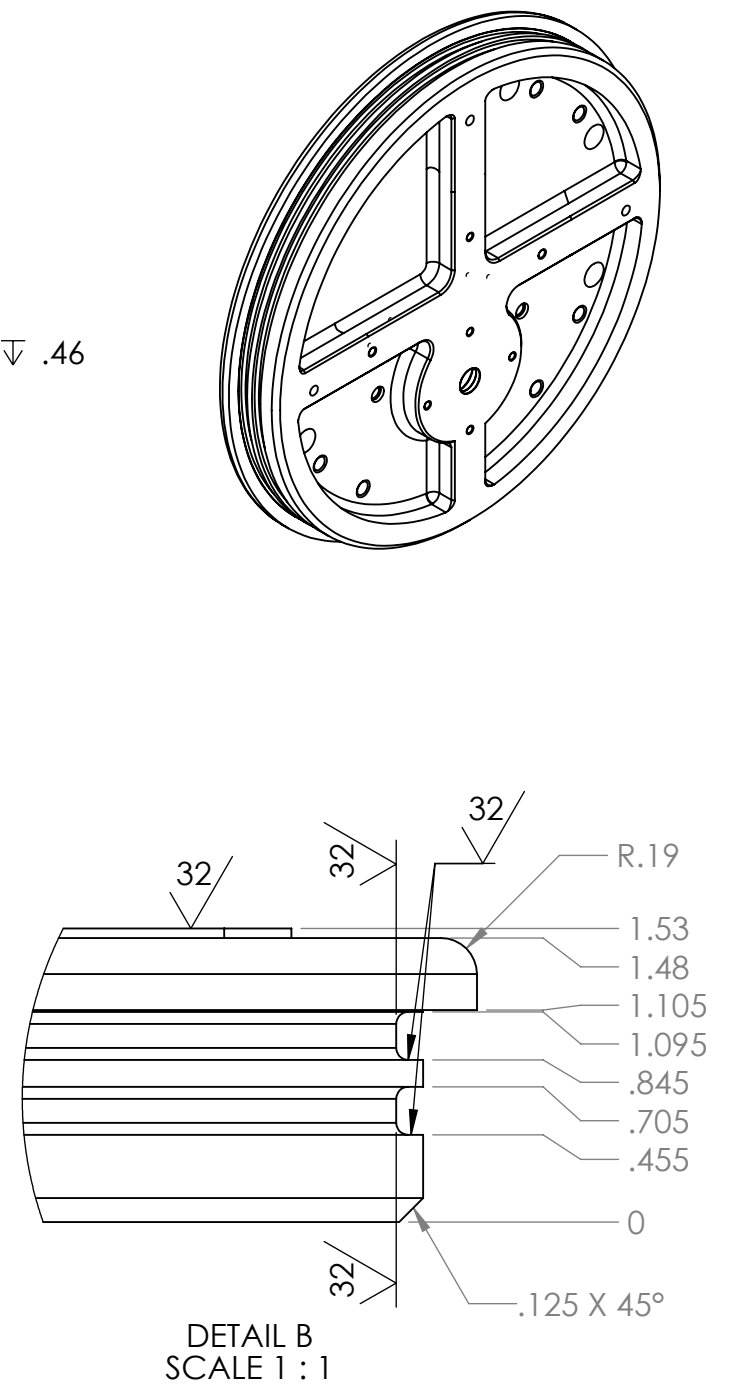
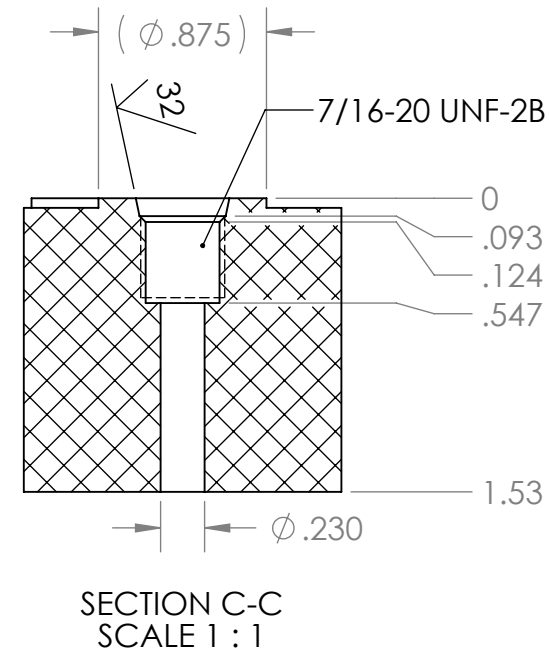
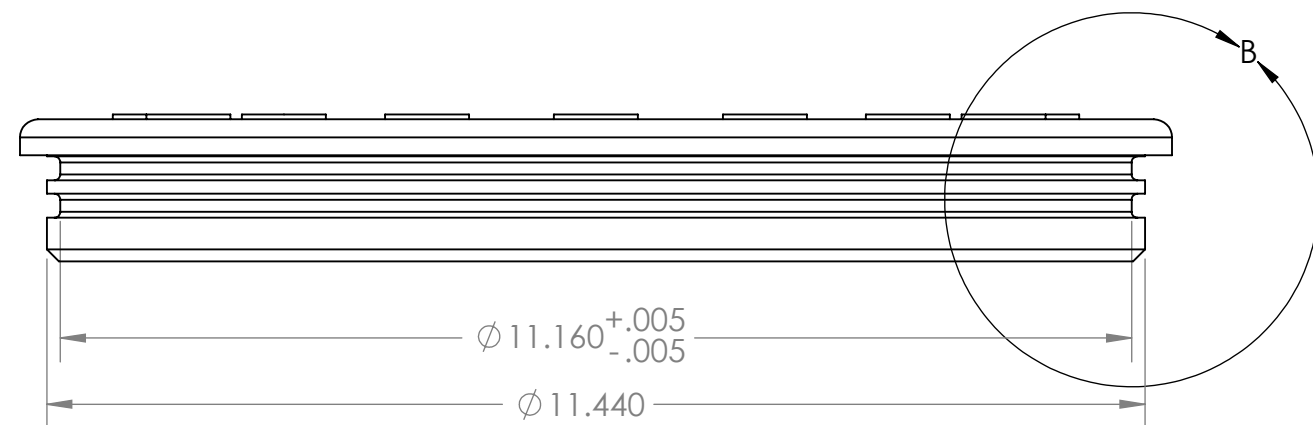




BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±.1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .01-50-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.			
Engineer					
NEXT ASSY Description	NEXT ASSY Number				
Application		DO NOT SCALE DRAWING		PROJECT NO. 901205 PROJECT ESP SURF CENTER WEIGHT	
				SIZE B DWG. NO. 100XXXDWG REV. SCALE 1:4 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 4	

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REV.	DESCRIPTION	DATE	APPROVED
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Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700  FPFront_Plastic_machined		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN				
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER				
Engineer						CHECKED				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.				
		PROJECT								
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 100XXXDWG	REV.
								SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 4

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				8				7				6				5				4				3				2				1											
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				TAG				X LOC				Y LOC				SIZE												REV.				DESCRIPTION				DATE				APPROVED			
				A1				-4.871				-2.227				Ø .136 ∇ .25 8-32 UNC ∇ .20																											
				A2				-4.871				-1.291																															
				A3				-4.871				1.291																															
				A4				-4.871				2.227																															
				A5				-2.384				3.778																															
				A6				-2.384				4.714																															
				A7				2.384				3.778																															
				A8				2.384				4.714																															
				A9				4.871				-2.227																															
				A10				4.871				-1.291																															
				A11				4.871				1.291																															
				A12				4.871				2.227																															
				B1				-4.250				-2.850				Ø .313 ∇ .50 3/8-16 UNC ∇ .44																											
				B2				-4.250				2.850																															
				B3				4.250				-2.850																															
				B4				4.250				2.850																															
				C1				-3.738				.750				Ø .213 ∇ .35 1/4-28 UNF ∇ .31																											
				C2				-1.875				-3.320																															
				C3				-1.875				3.320																															
				C4				-1.250				.287																															
				C5				1.250				.287																															
				C6				1.875				-3.320																															
				C7				1.875				3.320																															
				C8				3.738				.750																															
				D1				-3.250				-3.250				Ø .313 ∇ .50 3/8-16 UNC ∇ .46																											
				D2				-3.250				3.250																															
				D3				3.250				-3.250																															
				D4				3.250				3.250																															
				E1				-1.750				-.875				Ø .070∇ .262 2-56 UNC ∇ .172																											
				E2				-1.143				-.525																															
				E3				1.143				-.525																															
				E4				1.750				-.875																															
				F1				-.425				-2.786				Ø .182 ∇ .22 12-28 UNF ∇ .18																											
				F2				-.425				-1.314																															
				F3				.850				-2.050																															

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Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN		ENGINEER					
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				CHECKED		PROJECT NO.					
Engineer						PROJECT							
NEXT ASSY Description	NEXT ASSY Number					SCALE		DWG. NO.				REV.	
Application		DO NOT SCALE DRAWING				WEIGHT		SCALE 1:4		CAD FILE: MECH ENG ON TORNADO		SHEET 3 OF 4	

